

Datasheet for ABIN7267712
anti-HDAC7 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	HDAC7
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HDAC7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	HDAC7 Rabbit mAb
Immunogen:	A synthesized peptide derived from human HDAC7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	HDAC7
Alternative Name:	HDAC7 (HDAC7 Products)
Background:	Histones play a critical role in transcriptional regulation, cell cycle progression, and

Target Details

developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],HD7, HD7A, HDAC7A,Cardiovascular,Cell Biology & Developmental Biology,Cell Cycle,Epigenetics & Nuclear Signaling,G1/S Checkpoint,Heart,Heart_Hypertrophy,Immunology & Inflammation,NF-kB Signaling Pathway,Notch Signaling Pathway,Nuclear Receptor Signaling,Signal Transduction,Stem Cells,Wnt/ β -Catenin Signaling Pathway,HDAC7

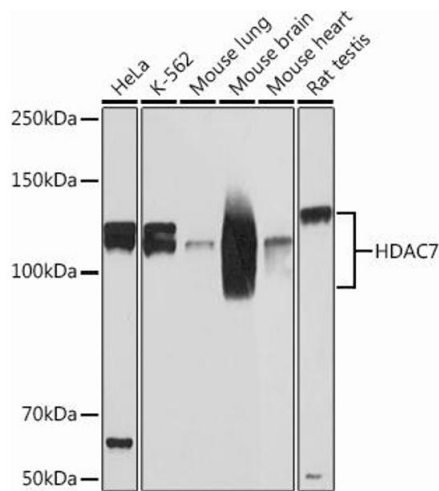
Molecular Weight:	124kDa
Gene ID:	51564
UniProt:	Q8WUI4
Pathways:	Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using HD Rabbit mAb (ABIN7267712) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.